

## **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/517,439  
Source: P47/10  
Date Processed by STIC: 12/20/04

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 12/20/2004

PATENT APPLICATION: US/10/517,439

TIME: 12:28:22

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\12202004\J517439.raw

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3 <110> APPLICANT: Hesterkamp, Thomas
4     von der Kammer, Heinz
5     Krappa, Ralf
6     Pohlner, Johannes
8 <120> TITLE OF INVENTION: Diagnostic and Therapeutic Use of Steroidogenic Acute
Regulatory Protein
9     for Neurodegenerative Diseases
11 <130> FILE REFERENCE: 2335.0020001
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/517,439
C--> 13 <141> CURRENT FILING DATE: 2004-12-10
13 <150> PRIOR APPLICATION NUMBER: EP 02012815.3
14 <151> PRIOR FILING DATE: 2002-06-10
16 <150> PRIOR APPLICATION NUMBER: US 60/386,721
17 <151> PRIOR FILING DATE: 2002-06-10
19 <160> NUMBER OF SEQ ID NOS: 14
21 <170> SOFTWARE: PatentIn Ver. 2.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 285
25 <212> TYPE: PRT
26 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 1
29 Met Leu Leu Ala Thr Phe Lys Leu Cys Ala Gly Ser Ser Tyr Arg His
30 1 5 10 15
32 Met Arg Asn Met Lys Gly Leu Arg Gln Gln Ala Val Met Ala Ile Ser
33 20 25 30
35 Gln Glu Leu Asn Arg Arg Ala Leu Gly Gly Pro Thr Pro Ser Thr Trp
36 35 40 45
38 Ile Asn Gln Val Arg Arg Arg Ser Ser Leu Leu Gly Ser Arg Leu Glu
39 50 55 60
41 Glu Thr Leu Tyr Ser Asp Gln Glu Leu Ala Tyr Leu Gln Gln Gly Glu
42 65 70 75 80
44 Glu Ala Met Gln Lys Ala Leu Gly Ile Leu Ser Asn Gln Glu Gly Trp
45 85 90 95
47 Lys Lys Glu Ser Gln Gln Asp Asn Gly Asp Lys Val Met Ser Lys Val
48 100 105 110
50 Val Pro Asp Val Gly Lys Val Phe Arg Leu Glu Val Val Val Asp Gln
51 115 120 125
53 Pro Met Glu Arg Leu Tyr Glu Glu Leu Val Glu Arg Met Glu Ala Met
54 130 135 140
56 Gly Glu Trp Asn Pro Asn Val Lys Glu Ile Lys Val Leu Gln Lys Ile
57 145 150 155 160
59 Gly Lys Asp Thr Phe Ile Thr His Glu Leu Ala Ala Glu Ala Ala Gly
60 165 170 175
62 Asn Leu Val Gly Pro Arg Asp Phe Val Ser Val Arg Cys Ala Lys Arg

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63          180          185          190
65 Arg Gly Ser Thr Cys Val Leu Ala Gly Met Asp Thr Asp Phe Gly Asn
66          195          200          205
68 Met Pro Glu Gln Lys Gly Val Ile Arg Ala Glu His Gly Pro Thr Cys
69          210          215          220
71 Met Val Leu His Pro Leu Ala Gly Ser Pro Ser Lys Thr Lys Leu Thr
72 225          230          235          240
74 Trp Leu Leu Ser Ile Asp Leu Lys Gly Trp Leu Pro Lys Ser Ile Ile
75          245          250          255
77 Asn Gln Val Leu Ser Gln Thr Gln Val Asp Phe Ala Asn His Leu Arg
78          260          265          270
80 Lys Arg Leu Glu Ser His Pro Ala Ser Glu Ala Arg Cys
81          275          280          285
84 <210> SEQ ID NO: 2
85 <211> LENGTH: 23
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
91     human StAR gene
93 <400> SEQUENCE: 2
94 ccaatgtcaa ggagatcaag gtc                      23
97 <210> SEQ ID NO: 3
98 <211> LENGTH: 23
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
104     human StAR gene
106 <400> SEQUENCE: 3
107 gccagctcgt gagtaatgaa tgt                      23
110 <210> SEQ ID NO: 4
111 <211> LENGTH: 20
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
117     cyclophilin B gene
119 <400> SEQUENCE: 4
120 actgaagcac tacgggcctg                      20
123 <210> SEQ ID NO: 5
124 <211> LENGTH: 19
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
130     cyclophilin B gene
132 <400> SEQUENCE: 5
133 agccgttggt gtctttgcc                      19

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136 <210> SEQ ID NO: 6
137 <211> LENGTH: 20
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
143     gene of the ribosomal protein S9
145 <400> SEQUENCE: 6
146 ggtcaaattt accctggcca                                20
149 <210> SEQ ID NO: 7
150 <211> LENGTH: 22
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
156     gene of the ribosomal protein S9
158 <400> SEQUENCE: 7
159 tctcatcaag cgtcagcagt tc                                22
162 <210> SEQ ID NO: 8
163 <211> LENGTH: 19
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
169     beta-acin gene
171 <400> SEQUENCE: 8
172 tggaacggtg aaggtgaca                                19
175 <210> SEQ ID NO: 9
176 <211> LENGTH: 19
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
182     beta-acin gene
184 <400> SEQUENCE: 9
185 ggcaagggac ttcctgtaa                                19
188 <210> SEQ ID NO: 10
189 <211> LENGTH: 20
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
195     GAPDH gene
197 <400> SEQUENCE: 10
198 cgatcatgggt gtgaacctg                                20
201 <210> SEQ ID NO: 11
202 <211> LENGTH: 21
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence

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206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
208     GAPDH gene
210 <400> SEQUENCE: 11
211 gctaagcagt tgggtggtgca g                                21
214 <210> SEQ ID NO: 12
215 <211> LENGTH: 21
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
221     gene of the transferrin receptor (TRR)
223 <400> SEQUENCE: 12
224 gtcgctgggc agttcgtgat t                                21
227 <210> SEQ ID NO: 13
228 <211> LENGTH: 23
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer for the
234     gene of the transferrin receptor (TRR)
236 <400> SEQUENCE: 13
237 agcagttggc tgttgtacct ctc                                23
240 <210> SEQ ID NO: 14
241 <211> LENGTH: 23
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of Artificial Sequence: cDNA fragment
247     (nt 616-638) of human StAR
249 <400> SEQUENCE: 14
250 acattcatta ctcacgagct ggc                                23

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VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date